SEQUENCE LISTING

<110> LI, XIAODONG
      XU, HONG
      STASZEWSKI, LENA
      ADLER, JON ELLIOTT

<120> CHIMERIC GATIPHAL 15 VARIANTS AND THEIR USE IN THE ANALYSIS AND
      DISCOVERY OF MODULATORS OF G-PROTEIN COUPLED RECEPTORS

<130> 100337.54270US

<140> 10/319,821
<141> 2002-12-16

<150> 09/989,497
<151> 2001-11-21

<150> 09/984,292
<151> 2001-10-29

<150> 60/339,466
<151> 2001-12-14

<150> 60/243,770
<151> 2000-10-30

<160> 13

<170> PatentIn Ver. 2.1

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gaggaattga aactcctgct gttggggcct ggtgagagcg ggaagagtac gttcatcaag 180
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Leu Glu Gln Lys Lys Gln Glu Arg Glu Glu Leu Lys Leu Leu Leu Leu
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Gly Pro Gly Glu Ser Gly Lys Ser Thr Phe Ile Lys Gln Met Arg Ile
     50                  55                  60

Ile His Gly Val Gly Tyr Ser Glu Glu Asp Arg Arg Ala Phe Arg Leu
 65                  70                  75                  80

Leu Ile Tyr Gln Asn Ile Phe Val Ser Met Gln Ala Met Ile Asp Ala
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Met Asp Arg Leu Gln Ile Pro Phe Ser Arg Pro Asp Ser Lys Gln His
             100                 105                 110

Ala Ser Leu Val Met Thr Gln Asp Pro Tyr Lys Val Ser Thr Phe Glu
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Lys Pro Tyr Ala Val Ala Met Gln Tyr Leu Trp Arg Asp Ala Gly Ile
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Arg Ala Cys Tyr Glu Arg Arg Arg Glu Phe His Leu Leu Asp Ser Ala
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Val Tyr Tyr Leu Ser His Leu Glu Arg Ile Ser Glu Asp Ser Tyr Ile
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Pro Thr Ala Gln Asp Val Leu Arg Ser Arg Met Pro Thr Thr Gly Ile
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Asn Glu Tyr Cys Phe Ser Val Lys Lys Thr Lys Leu Arg Ile Val Asp
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Val Gly Gly Gln Arg Ser Glu Arg Arg Lys Trp Ile His Cys Phe Glu
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Cys Leu Glu Glu Asn Asp Gln Glu Asn Arg Met Glu Glu Ser Leu Ala
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Leu Phe Ser Thr Ile Leu Glu Leu Pro Trp Phe Lys Ser Thr Ser Val
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Ser His Leu Ala Thr Tyr Phe Pro Ser Phe Gln Gly Pro Arg Arg Asp
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Ala Glu Ala Ala Lys Ser Phe Ile Leu Asp Met Tyr Ala Arg Val Tyr
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Ala Ser Cys Ala Glu Pro Gln Asp Gly Gly Arg Lys Gly Ser Arg Ala
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Arg Arg Phe Phe Ala His Phe Thr Cys Ala Thr Asp Thr Gln Ser Val
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<210> 7
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<210> 12
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<210> 13
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